

10/031841

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1. 10
 I R L E V K R M D
 - - - - - M E
 x x x x x x x M

h NESP55

b NESP55

Consensus

. 30
 A R H N N N T L C
 A R H N N N D L C
 A R H N N N L L C

. 20
 R R R A Q Q R R R
 R R R S R Q L G R R
 R R R R x x x R R

. 80
 S L N A H H R S G
 T L N A H H R S A
 L L N A H H R S X

. 70
 Q Q R A A A Q Q R R
 Q Q R A A A Q - R R R
 Q Q R A A A Q x R R R

. 60
 R A L A T S N A R A
 R A L A T S S T R A
 R A L A T S x x R A

. 50
 L L L S C S I A L L
 L L L S C S I A L L
 L L L S C S I A L L

h NESP55

b NESP55

Consensus

. 120
 Y - F E E E D E T
 X O E E E D E S
 X E E E E D E S

. 110
 L E L S L E C L E
 E S L E C
 X E x S L C x E

. 100
 E S D H E H E A D
 - - - - - H E D T D
 x x x x x H E x x D

. 90
 A Q V E S E S
 A Q V E S
 A Q V E x S

h NESP55

b NESP55

Consensus

. 160
 E D D R G V V K
 E D D G V V K
 E D D x G V V K

. 150
 A T T E E T E
 A T T E E T E
 A T T E E T E

. 140
 E T D E E E E T
 E T D E E E S T
 E T D E E E x T

. 130
 E S E T E S I E S
 E S E S E S I E S
 E S E S E S I E S

h NESP55

b NESP55

Consensus

Fig. 1 (Part 1 of 2)

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h NESP55	170	180	190	200
b NESP55				
Consensus				
h NESP55	210	220	230	240
b NESP55				
Consensus				
h NESP55	250	260	270	280
b NESP55				
Consensus				

Fig. 1 (Part 2 of 2)

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GAATTCGGCTCGAGGTGCCAAGAGGATGGATCGGAGGTCCCGGGCTCAGCAGTGGCGCCGAGCTGCGCATAATTACAAC
GACCTGTGCCCCCATAGGCCGCGCGGAGCCACCGCGCTCCTCTGGCTCTCTGCTCCTGCTCCATCGCGCTCCTCCGGCCCT
TGCCACCTCCAACGCCCGTGCCAGCAGCGCGGTGCCCAACAGCGCCGGAGCTTCTTAACGCCACACCGCTCCG
GGCCCCAGGTATTCCCTGAGTCCCCCGAATCGGAATCTGACCACGAGCAGGAGGAGGAGACCTTGAGCTGTCCCTCCCC
GAGTGCCTAGAGTACGAGGAAGATTGCACTACGAGACCGAGAGCGAGACCGAGTCCGAAATCGAGTCCGAGACCGACTT
CGAGACCGAGCCTGAGACCGCCCCACCACTGAGCCCGAGACCGCTGAAGACGATCGCGGCCCGGTGGTGCCCAAGC
ACTCCACCTTCGGCCAGTCCCTCACCCAGCGTCTGCACGCTCTCAAGTTGCCAAGCCCCGACGCTCCCAAGTCCGCGG
CCGCCAGCACTCAGGAGCCCCAGAGCCCCAGGAGGGAGGAGCTCAAGCCCGAGGACAAAGATCCAAAGGACCCCCGA
AGAGTCGAAGGAGCCCAAGAGGAGAACGAGCGCGCTCGCTCAAGCCCAAGAACCCCGCGGTACGCGTCCCGCGG
AGTCCCTTCCAAAAGGGACCCATCCCCATCCGGCTCACTAATGAGGACGCGCTCCAGATTCTCCTTGTTCATGG
ATTACGGTGTGGAATCTGGTAAAGCACCATTTGTGAAGCAGATGAGGATCCTGCAATGTTAATGGGTTTAATGGAGAG
GGCGCGAAGAGGACCGCAGGTGCAAGGAGCAACAGCGATGGTGAGAAAGCAACCAAGTGCAAGGACATCAAAAACAA
CCTGAAGAGGCGATTGAACCATTTGTGGCCCGCATGAGCAACCTGGTGCCCCCGTGGAGCTGGCCAAACCCGAGAAC
AGTTCAGAGTGGACTACATTCTGAGTGTGATGAACGTGCTGACTTTGACTTCCCTCCCGAATTCATGAGCATGCCAAG
GCTCTGTGGGAGGATGAAGGAGTGGTGCTGTACGAACGCTCCACGAGTACCAAGTGAATGACTGTGCCAGTACTT
CCTGGACAAGATCGACGTGATCAAGCAGGCTGACTATGTGCCGAGCGATCAGGACCTGCTTCGCTGCCGTGCTCCTGACTT
CTGGAATCTTTGAGACCAAGTCCAGGTGGACAAAGTCAACTTCCACATGTTTGACGTGGTGCCAGCGCATGACGC
CGCAAGTGGATCCAGTGCTCAACGATGTGACTGCCATCATCTTCGTGGTGCCAGCAGCAGCTACAACATGGTCAATCCG
GGAGGACAACCAACCGCCTGCAGGAGGCTCTGAACCTCTTCAAGAGCATCTGGAACAACAGATGGCTGCGCACCA
TCTCTGTGATCCTGTCTCAACAAGCAAGATCTGCTCGCTGAGAAAGTCTTGCTGGGAAATCGAAGATTGAGGACTAC
TTTCCAGAAATTGCTCGCTACACTACTCCTGAGGATGCTACTCCGAGCCCGGAGAGGACCCACGCGTGACCCGGGCCAA
GTACTTCATTGAGATGAGTTTCTGAGGATCAGCACTGCCAGTGGAGATGGCGCTCACTACTGCTACCTCATTTTCACTT
GGCTGTGGACACTGAGAACAATCCGCCGTGTGTTCAACGACTGCCGTGACATCATTCAGCGCATGCACCTTCGTCAGTAC
GAGCTGCTCTAAGAAAGGGAACCCCAAAATTTAATTAAAGCCCTTAAGCACAATTAATAAAGTGAACGTAATTGTACAA
GCAGTTAATCACCCACCATAGGGCATGATTACAAGCAACCTTTCCCTTCCCGAGTGATTTTGGGAAACCCCTTTT
CCCTTCAGCTTGCTTAGATGTTCCAAATTTAGAAAGCTTAAGCGGCCCTACAGAAAAGGAAAAGGCCACAAAAGTTC
CCTCTCACTTTTCAGTAAAAATAAATACAGCAGCAGCAACAAATAAAATGAAATGAAAGAAACAAATGAAATAAATA
TTGTGTTGTGCAGCATTAATAAAAAATCAAAATAAAAAATTAATGTGAGCAAAAAAAGGGCGGCGCGC

Fig. 3